

**Minutes from the meeting of the AES technical committee  
on acoustics and sound reinforcement, October 6, 1995.  
(Final version)**

Attending:

Mendel Kleiner, (TCASR chair)

Wolfgang Ahnert

Fred Ampel

Paul Bauman (TCASR member)

Soren Bech (TCASR member)

Kurt M. Graffy (TCASR member)

Mary C. Gruszka

Ken Jacob (TCASR vicechair)

Tony Kollar

David McGrath

Neil A. Shaw (TCASR member)

Henrik Staffeldt

Ben Steel

Jan Voetmann

John M. Woodgate

1) The chair opened the meeting by discussing the agenda. The agenda was approved. The chair introduced the members of the TCASR and the scope of the committee.

2) The minutes from the meeting in San Fransisco 1994 and Paris 1995 were reported on. The minutes were approved.

3) The preparations for the New York 1995 convention were reported on. It was noted that the cooperation between the TC and the New York papers chairs had been very good. Neil Shaw was thanked for his help in arranging the special session on Wavelets and also for his part in the invited lecture.

4) The preparations for the upcoming convention in Copenhagen in 1996 were discussed. Two possible sessions had been discussed for Copenhagen. Since Dr Diemer deVries had acted so quickly in acquiring about 8 papers for a session on Wave field synthesis it was decided to select this topic for the TC arranged session. Soren Bech acknowledged that the session had been taken into account by the papers committee in Copenhagen.

5) Activities for the Los Angeles 1996 convention were then discussed. The chair has been in touch with Marina Bosi regarding a session but the exact details of this session have not been worked out. The chair is to report to the Los Angeles papers chairs for the AES 1996 convention on the results from the present meeting of the TC. The subjects for sessions discussed in San Fransisco and in Paris were discussed. The possibility for a session on subjective evaluation of sound reinforcement systems was disussed. The scope of the term sound reinforcement was discussed, and it was agreed on that sound reinforcement would also include systems for sound playback. Possible contributors were identified, and it was agreed that Ken Jacob is to investigate the viability of such a session within the next month. Søren Bech, and Fred Ampel were willing to provide various contacts. Jan Voetmann and Paul Bauman indicated that they might provide papers for such a session. John Woodgate suggested the subject of objective and subjective methods of assessing the possibility for a session on speech intelligibility at some future convention. John Woodgate will investigate the possibilities for having such a session in Barcelona.

Other types of of activities for future conventions were discussed. It was noted that it was easier for the organizer to put together a workshop than a papers session. The chair indicated that workshops might be a way to reach out to other strata among the convention attendees. It was decided to discuss possible subjects over the next few months through e-mail and fax, and plan a possible workshop for the New York 1997 AES convention.

Poster demonstrations and demonstration sessions were also identified as possibilities. The subject of a demonstration session on 3D sound was brought up by Neil Shaw. It was decided that this would be an alternative to the papers session for Los Angeles discussed earlier or possibly for New York 1997. The success of such a session will depend on the facilities which can be provided for listening to demonstrations.

Paul Bauman suggested the following subjects for workshops: Loudspeaker crossover shoot-out, sound mix engineers to discuss art and science of concert sound reinforcement, concert technical tours. Wolfgang Ahnert suggested something relating

to the work going on in AES SC-04-03 regarding loudspeaker measurement. It was concluded that this was not of a sufficient general interest to warrant a session but maybe a workshop. Tony Kollar discussed loudspeaker measurement in a broader sense but this is a matter for a different TC. A joint session with the TC on transducers would be of great interest. Kurt Graffy warned of the possibility of becoming too esoteric, but that loudspeaker measurement, room acoustics, studio acoustics could be subjects of tutorials. A masters session by Steeneken and Plomp could be of interest. Work going on on electronic architecture could also be the subject of a workshop. Kurt Graffy also stressed the importance of keeping a high quality profile also in the workshops and not to underestimate the work involved in arranging a workshop. Neil Shaw suggested a workshop on project studios and related small room acoustics, which could be very entry level. Ken Jacob suggested audio for virtual reality and multimedia, audio for teletransportation. Ken Jacob stressed that is important not to miss these items, and that there is a danger for losing these fields to other technical societies. Ken Jacob and Mendel Kleiner are to investigate these fields and report back to the committee.

Respectfully submitted

Mendel Kleiner